

KRP

PERFORMANCE SHEET

RX183-006-A

1/2

CUSTOMER:YONG JU PRECISION

CUSTOMER ORDER REF:RX107306T YONG JU

DISTRIBUTOR:

REDEX ORDER REF:212849

DESIGNATION:KRP2+R.31.4.H

SERIAL NUMBER:901999

CODE:RX128908-12

MOTOR FLANGE CODE:

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EXTERNAL DIMENSIONS & INTERFACES:

SN:901999

Technical drawing of the KRP2+R.31.4.H motor showing front, side, and detail views with dimensions: Q1, Q2, V, L, E1, E2, G1, C, B, D, Y, J, S.

General tolerance: Js13

Cmm

Automatic / manual coordinate-measuring machine

µm

Micrometer

Cr

Calliper rule

Di

Dial indicator

Pg

Plug gauge

HOUSING

OUTPUT PINION

MOTOR FLANGE

| requirement    |                                        | measure |        | requirement                     |                                     | measure |        | requirement             |    | measure |    |  |
|----------------|----------------------------------------|---------|--------|---------------------------------|-------------------------------------|---------|--------|-------------------------|----|---------|----|--|
|                |                                        | B4944   |        |                                 |                                     | M656    |        |                         |    | -       |    |  |
| E1             | 212h7 <sup>0</sup> <sub>-0,046</sub>   | µm      | 211.99 | Span dimension over 4 teeth     |                                     |         |        | Ø                       | B  | µm      |    |  |
| E2             | 200h7 <sup>0</sup> <sub>-0,046</sub>   | µm      | 199.99 | G1                              | 44,27 <sup>0</sup> <sub>-0,03</sub> | Cmm     | 44.26  | Ø                       | C  | µm      |    |  |
| n x H on PCD J | 12 Ø9 on PCD 233                       | Cr      | OK     | g1                              | 0,022                               | Di      | 0.01   |                         | D  | Cr      |    |  |
| V              | 289                                    | µm      | 289.37 | No-load input torque            |                                     |         |        | Ø                       | S1 | Cr      |    |  |
| L              | 94                                     | µm      | 94.035 | Line 1                          |                                     |         |        | 1 Nm                    | Ø  | Y1      | Pg |  |
| Ø Q1           | 25 <sup>+0,009</sup> <sub>-0,004</sub> | µm      | 25.005 |                                 |                                     |         |        | Noise level             |    |         |    |  |
| Ø Q2           | 25 <sup>+0,009</sup> <sub>-0,004</sub> | µm      | 25.005 |                                 |                                     |         |        | @1600 rpm input (dB(A)) |    |         |    |  |
|                |                                        |         |        | Torsional stiffness (Nm/arcmin) |                                     | 1       | 243,75 |                         |    |         |    |  |
|                |                                        |         |        | Radial stiffness (N/µm)         |                                     | 1       | 452    |                         |    |         |    |  |

For the installation, please refer to User Manual KRP (182/008)

SPECIFIC REMARKS:

Date:13/07/2018

Visa:C DE MIRANDA

Version:A

Product images are for illustrative purposes only.

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